

PILOT-SIGNAL POWER CONTROL FOR COMMUNICATION SYSTEMS USING LOW-ORBIT SATELLITES

Patent number: RU2188506 (C2)
Publication date: 2002-08-27
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Classification:
 - international: **H04B7/005; H04B7/15; H04B7/185; H04B7/005; H04B7/15; H04B7/185; (IPC1-7): H04B7/185; H04B7/005**
 - european: **H04B7/185M6D**
Application number: RU19980100246 19970401
Priority number(s): US19960627830 19960402

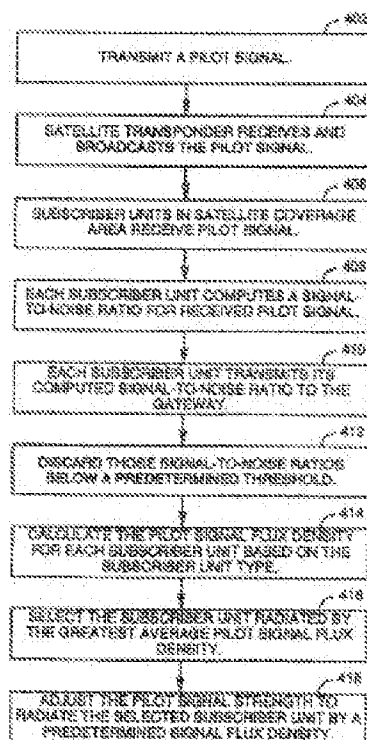
Also published as:

WO9737438 (A1)
 US5835847 (A)
 MX9709332 (A)
 JP11507196 (T)
 HK1010955 (A1)

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Abstract of RU 2188506 (C2)

satellite communication systems. SUBSTANCE: system and method are proposed for controlling power of shared-resource signal transmitted by satellite repeater in satellite communication system. System has gateway-station for transmitting communication signals including shared-resource signal, satellite repeater for signal transmission to at least one subscriber's facility such as telephone set, and at least one subscriber's facility for signal reception. Method involves shared-resource signal reception by each subscriber's facility through satellite repeater, measurement of signal power in each subscriber's facility for shared-resource signal received, transmission of data on signal power to gateway, and power control of shared-resource signal transmitted by satellite repeater basing on signal power. EFFECT: enhanced reliability of shared-resource signal power control. 6 cl, 4 dwg



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